

Title (en)

INTERFEROMETRIC MODULATOR IN TRANSMISSION MODE

Title (de)

INTERFEROMETRISCHER MODULATOR IM ÜBERTRAGUNGSMODUS

Title (fr)

MODULATEUR INTERFÉROMÉTRIQUE EN MODE TRANSMISSION

Publication

**EP 2257846 A1 20101208 (EN)**

Application

**EP 09721055 A 20090302**

Priority

- US 2009035737 W 20090302
- US 3491708 P 20080307

Abstract (en)

[origin: US2009225395A1] A transmissive micromechanical device includes a substrate, an optical stack over the substrate and a moveable membrane over the optical stack. The moveable membrane may include a partially reflective mirror and be configured to move from a first position to a second position. When the movable membrane is in the first position the transmissive micromechanical device is configured to pass light of a predetermined color and when the movable membrane is in the second position, the micromechanical device is configured to block substantially all of light incident on the substrate.

IPC 8 full level

**G02B 26/00** (2006.01)

CPC (source: EP US)

**G02B 26/001** (2013.01 - EP US)

Citation (search report)

See references of WO 2009114323A1

Designated contracting state (EPC)

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Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

**US 2009225395 A1 20090910; US 7944604 B2 20110517**; BR PI0908985 A2 20151124; CA 2717312 A1 20090917; CN 101960355 A 20110126; EP 2257846 A1 20101208; JP 2011515707 A 20110519; JP 5444255 B2 20140319; KR 20100138974 A 20101231; RU 2010134759 A 20120420; TW 200944470 A 20091101; US 2011194169 A1 20110811; US 2012212795 A1 20120823; US 8174752 B2 20120508; US 8693084 B2 20140408; WO 2009114323 A1 20090917

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**US 36891509 A 20090210**; BR PI0908985 A 20090302; CA 2717312 A 20090302; CN 200980106436 A 20090302; EP 09721055 A 20090302; JP 2010549789 A 20090302; KR 20107021526 A 20090302; RU 2010134759 A 20090302; TW 98107438 A 20090306; US 2009035737 W 20090302; US 201113087184 A 20110414; US 201213458215 A 20120427